



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

BOOK REVIEWS.

A University Text-book of Botany. By DOUGLAS HOUGHTON CAMPBELL.
8vo. 579 pages, 493 figures, 15 plates. Price, \$4.00. The Macmillan Company, 1902.

AMERICAN botany has for some time felt the need of a university text-book based on American material and adapted to our wants. Germany has such a work in the now celebrated Bonn text of Strasburger, Noll, Schenk and Schimper, and we have been forced either to use this book, whose translations are far behind the frequent revised editions of the German, or to make use of several texts written in English good in certain fields of the subject, but none altogether well rounded and thoroughly satisfactory. Perhaps the time is past when one man can write a university text. Certainly the happy co-operation of several men, experts in various fields, will produce the best results.

Professor Douglas H. Campbell, of Stanford University, has written the first American University text from a modern point of view. It is a large volume, well illustrated with many new and well executed figures drawn by the author and is based on material generally familiar to American botanists. Of its 550 pages about four-fifths treat of morphology and classification, one-tenth is devoted to physiology and the other tenth covers topics of an ecological character, together with a short account of the geological and geographical distribution of plants.

Such a division of the subject is sure to receive the protests of many botanists, who will hold that the book is overbalanced in favor of morphology and classification. Yet this text is probably a fair expression of the equipment which the average botanist brings to his class room, for physiology has not been accorded in this country the treatment which it deserves, and ecology is just establishing itself. So it is chiefly with respect to its morphological sections and the classifications that the book must be judged.

Professor Campbell's reputation in these fields assures a comprehensive treatment of morphology and a thoroughly scientific classification. We do not know of any text where a student may find so concisely expressed the salient characters of important types and groups. The treatment of the spermatophytes deserves especial mention. There is unfortunately a lack of uniformity in the use and the endings of the names of certain subdivisions, particularly the orders.

The most serious criticisms of the book are such that betoken haste in the writing and carelessness in proofreading. The subdivisions of the chapters do not seem to be well thought out. There are an extraordinarily large number of typographical errors not only in spelling but also mistakes in referring to figures. In the reviewer's copy the pages from 208-226 are sadly mixed, a blemish for which of course the publisher is responsible.

BRADLEY M. DAVIS.

THE UNIVERSITY OF CHICAGO.